



RCA RCT6077W2 Battery, Motherboard, Speaker, and Antenna Replacement

All three of these components are soldered together in this device and must be removed or replaced as a cohesive unit.

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TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Electrical Tape in 6 Assorted Colors](#) (1)
 - [Double-Sided Tape](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
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Step 1 — Backplate



- Remove these two 2.5mm Phillip's head screws before attempting to remove the screen from the device.

Step 2



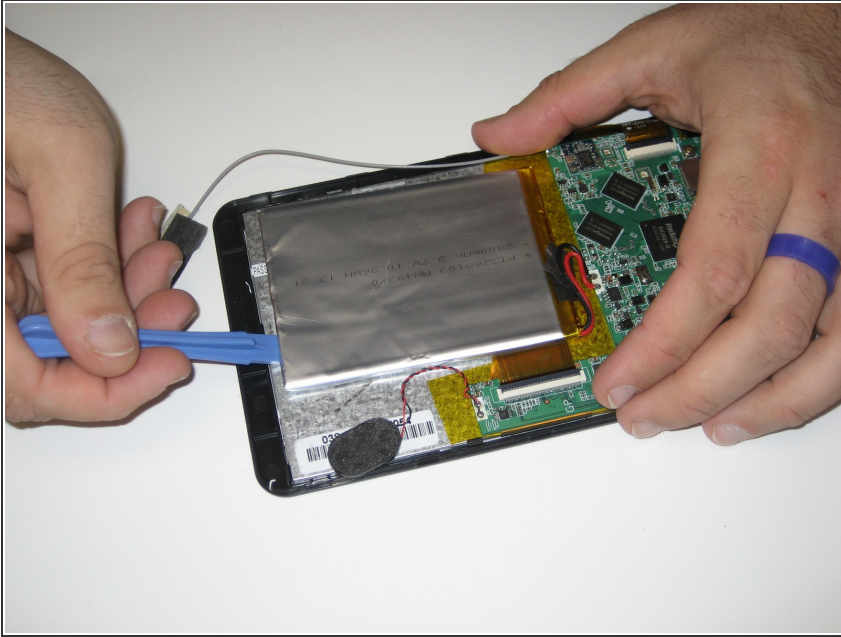
- Run an opening pick around the edge of the screen to loosen it and begin to pry upward.
- When the screen comes up like it has in the photo, it should be able to simply be removed from its casing.
- ⓘ The buttons on the end of the device will be loose when you remove the screen from the backplate. Be careful not to lose them.

Step 3 — Battery, Motherboard, Speaker, and Antenna



- This is the internal view of the internal components after removing the screen. Our first goal will be to detach the battery.

Step 4



- To remove the battery, remove the two pieces of electrical tape holding it down. Then begin gently prying underneath it and around the edges with your plastic opening tool. This will pull it off of the adhesive keeping it in the case.

Step 5



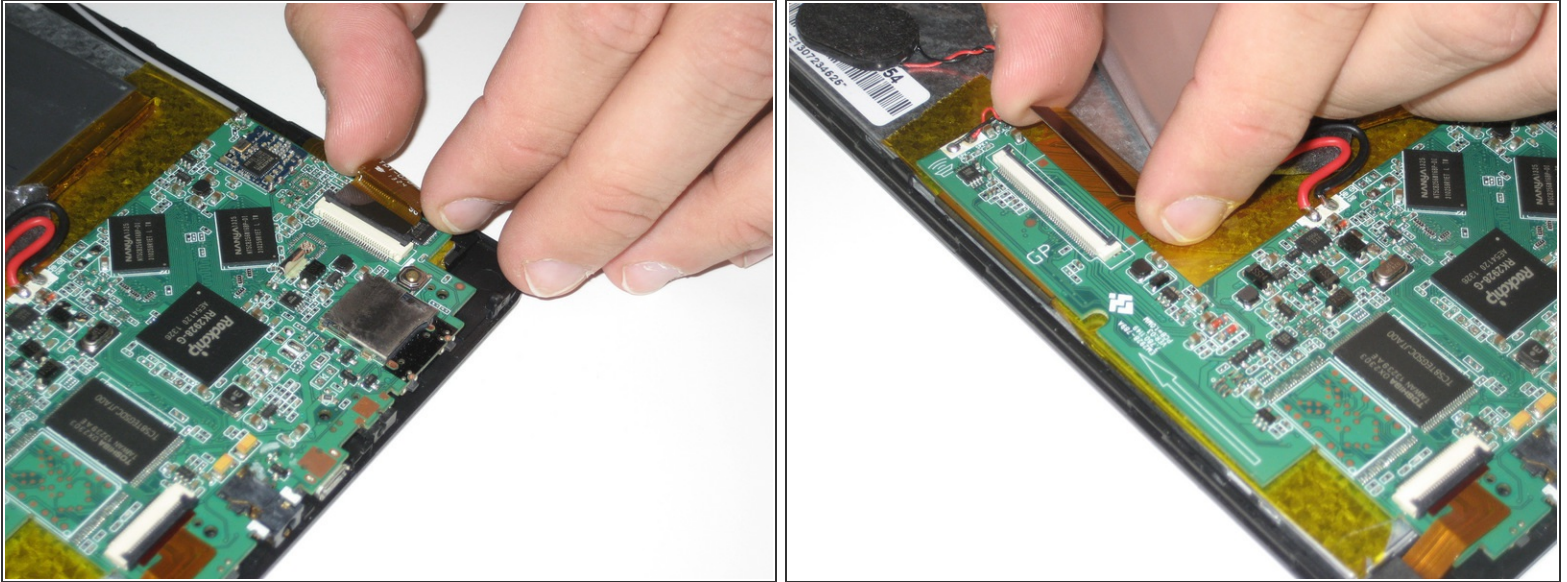
- To remove the antenna, simply remove the tape that is securing it in place.

Step 6



- Remove the three 2.5mm Phillip's head screws from the motherboard.
- After removing the screws, use a plastic pry tool to gently pull the motherboard off of the double-sided tape holding it down.

Step 7



- Unclip the ribbon cables from the motherboard by lifting up on their latches (the black portions that the cables feed into) and gently pulling the cables.

⚠ Do not use force to try and remove the cables. The latch may not be lifted up all the way, and using force can separate the cable from its connector. This can damage important components of the tablet.

Step 8



- With everything detached from the casing, this is the component that will be removed.
- ⓘ When reassembling the device, be sure to put the speaker back into its slot in the casing before securing the backplate.

To reassemble your device, follow these instructions in reverse order - replacing all tapes and adhesives as you proceed.

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